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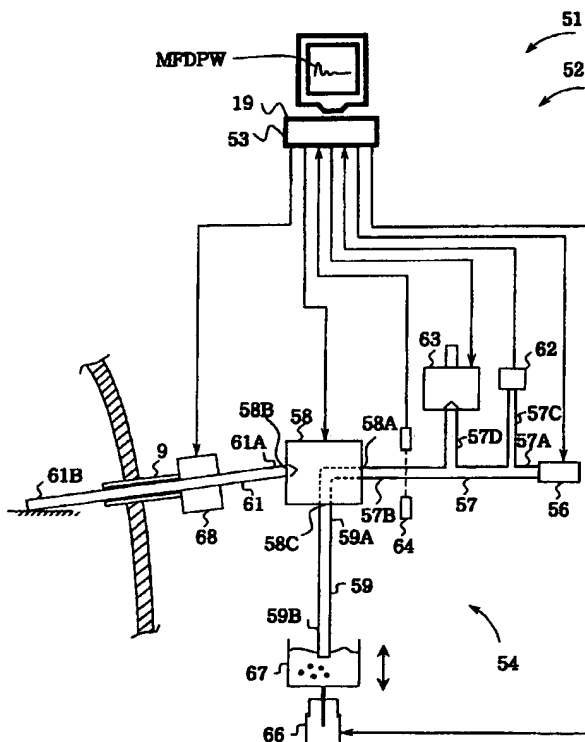
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[Continued on next page]

(54) Title: TRANSPORTATION OF BIOLOGICAL MATTER TO A TARGET SITE IN A CLOSED VOLUME FOR TRANS-PLANTATION PURPOSES



(57) Abstract: The present invention is directed toward the transportation of biological matter to a target site in a closed volume for transplantation purposes. The present invention involves a flattened droplet delivery apparatus (1) with a pressure sensor (17) for real time monitoring of the prevailing pressure in its transfer tube (3) for feedback purposes. The present invention also includes a guide catheter (9) for enabling the introduction of a delivery catheter to a target site in a closed volume and concurrent fluid drainage therefrom to discharge pressure. The present invention also includes a tubing set for use in a cell therapy procedure.



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B. FIELDS SEARCHED

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U.S. : 604/187,522,140,143,147

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A | US 5,066,276 A (WANG) 19 November 1991 (19.11.1991), see entire document. | 1-25 |
| A, E | US 2003/0109849 A1 (HAMMER et al) 12 June 2003 (12.06.2003), see entire document. | 1-25 |
| A, E | US 6,599,274 B1 (KUCHARCZYK et al) 29 July 2003 (29.07.2003), see entire document. | 1-25 |

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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